

FOR: WW 6

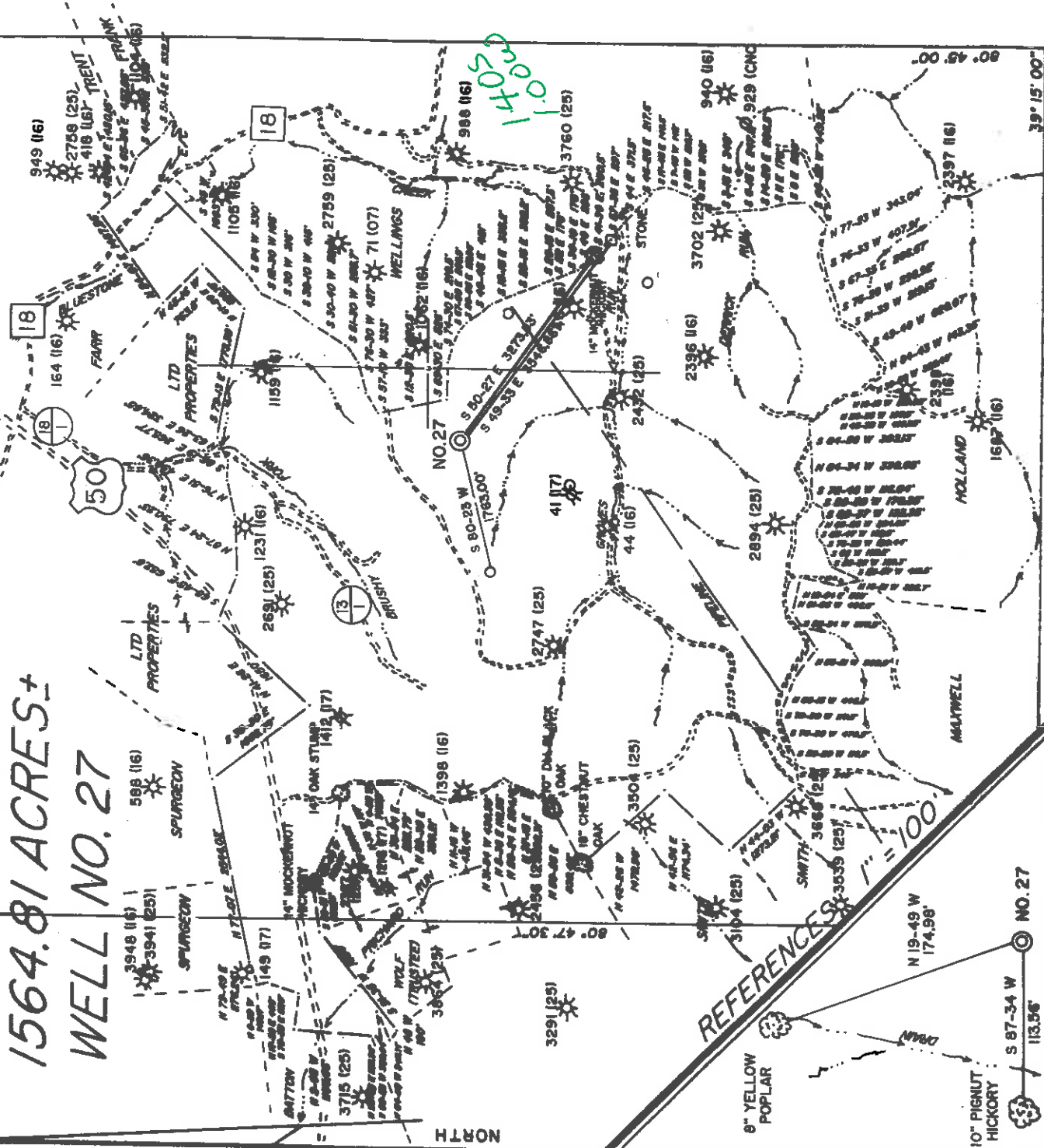
39° 17' 30"

5,320

LATITUDE 39° 17' 30"

LONGITUDE 80° 45' 00"

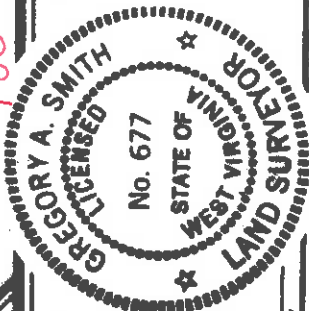
ASHLAND/MAXWELL LEASE 1564.81 ACRES ± WELL NO. 27



NOTE: ALL WELLS WITHIN 2400' ARE SHOWN HEREON.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

L.L.S. *Gregory A. Smith*
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MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 2777 (42-21)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1187' SCALE 1" = 2000'

WELL TYPE: OIL GAS INJECTION WASTE LIQUID DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 977' WATERSHED GROVES RUN OF BLUESTONE CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5 *SE*

SURFACE OWNER ANNA DAVIES RILEY ET. AL. ACREAGE 1498.73

ROYALTY OWNER LEWIS MAXWELL ET. AL. LEASE ACREAGE 1564.81

PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ALEXANDER

TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5196'



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 18, 19 92
 OPERATORS WELL NO. ASHLAND / MAXWELL
 API WELL NO. 47-017-04243
 STATE WV COUNTY PERMIT

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
 ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501.56th ST. CHARLESTON, WV 25304

MAY 2 1996

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas
Well Operator's Report of Well Work

Farm name: DAVIES, TOM & JOHN Operator Well No.: ASHLND/MAWWE127

LOCATION: Elevation: 977.00 Quadrangle: WEST UNION
District: WEST UNION County: DODDRIDGE
Latitude: 7400 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 5320 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX 820
GLENVILLE, WV 26351-0820

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 02/07/96
Well work Commenced: 02-19-96
Well work Completed: 02-23-96
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5323'
Fresh water depths (ft) 48', 330'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	928'	928'	CTS 225 SXS
4-1/2"	----	5178'	700 SXS

Producing formation Alexander, Riley
 Gas: Initial open flow 474 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 377 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 15 Hours
 Static rock Pressure 1375 psig (surface pressure) after 24 Hours
 Second producing formation
 Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
 Final open flow MCF/d Final open flow Bbl/d
 Time of open flow between initial and final tests and final tests Hours
 Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: EASTERN AMERICAN ENERGY CORP

BY: *[Signature]* Senior Drilling Supervisor

Date: 05-17-96

MAY 21 1996

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2 Stage Frac

Stage One: Alexander; 22 holes (5025'-5094.5'), Fractured w/30 lbs/1000 gals of gelled water, 60,000 lbs of 20/40 sand and 500 gals of 15% HCl acid.

Stage Two: Riley; 12 holes (4320'-4339.5'), Fractured w/30 lbs/1000 gals of gelled water, 5,000 lbs of 80/100 sand, 40,000 lbs of 20/40 sand and 500 gals of 15% HCl acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay			0	3	Including indication of all fresh and salt water, coal, oil and gas
Clay & shale			3	7	
Red Rock			7	12	1 1/2" H2o @ 48'
Red Rock & shale			12	20	1" H2o Total @ 330
Sandy shale			20	25	Gas Checks:
Red Rock			25	28	
Red Rock & Sandy shale			28	365	
Sand & Sandy shale			365	1720	
Big Lime			1720	1810	
Keener			1810	1837	
Big Injun shale			1837	1871	
Weir shale			1871	2024	
Berea shale			2024	2020	
Shale			2020	2226	
Gordon shale w/tr siltstone			2226	2241	
Warren shale w/some sandstone			2241	2428	
Balltown shale w/tr siltstone			2428	2276	
Riley shale w/tr siltstone			2276	3096	
Shaley w/tr siltstone			3096	3147	
Third Riley shale			3147	3887	
Benson shale w/sm siltstone			3887	3919	
Alexander shale			3919	4302	
			4302	4345	
			4345	4667	
			4667	4703	
			4703	4757	
			4757	4787	
			4787	5006	
			5006	5096	
			5096	5223 TD	

011-04243 Issued 02/07/96
 Expired 02/07/98

FORM WW-2
 Environmental Protection

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

DEC 22 1995

Well Operator: Eastern American Energy Corporation 14980 671

Office of Oil & Gas

Operator's Well Number: Ashland/Maxwell #27 3) Elevation: 977'

Well type: (a) Oil___/ or Gas XX/
 (b) If Gas: Production XX/ Undergound Storage ___/ Shallow XX/

Proposed Target Formation(s): Alexander

6) Proposed Total Depth: 5196 feet

7) Approximate fresh water strata depths: 61', 237', 291', 485'

8) Approximate salt water depths: None

9) Approximate coal seam depths: 53'-55', 151'-154'

10) Does land contain coal seams tributary to active mine? Yes ___ / No XX/

11) Proposed Well Work: Drill and complete new well.

12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"	F-25	32.0	20'		Fill-up (cu. ft.)
Fresh Water	8-5/8"	F-25	20.0	900'	900'	C.T.S. 38CSR18-11.3
Coal	9-5/8"	F-25	26.0			38CSR18-11.2, 2
Intermediate	* 7 "	H-40	17.0			
Production	4-1/2"	J-55	10.5		5111'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the casing.

PACKERS : Kind

Sizes

Depths set

For Division of Oil and Gas Use Only
 Fee(s) Paid: [Signature] Well Work Permit [Signature] Reclamation Fund [Signature] WPCP
 Plat WW-9 [Signature] WW-2B [Signature] Bond [Signature] Agent [Signature] (Type)

RECEIVED
WV Division of
Environmental Protection

DEC 22 1995

Permitting

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS**

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

1) Date: December 21, 1995
2) Operator's well number
3) Ashland/Maxwell #27
API Well No: 47 - 017 - 4243
State County Permit

4) Surface Owner(s) to be served:

(a) Name Tom Davies
Address 1104 Greenmont Circle
Vienna, WV 26105
(b) Name John R. Davies
Address 1006 43rd Street
Vienna, WV 26105
(c) Name _____
Address _____

5) (a) Coal Operator:
Name N/A
Address _____

(b) Coal Owner(s) with Declaration
Name N/A
Address _____

Name _____
Address _____

6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
Telephone (304) - _____

(c) Coal Lessee with Declaration
Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 10 on the above named parties, by:

X Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator Eastern American Energy Corporation
By: John W. Talbot
Designated Agent
Address P.O. Box 820
Glennville, WV 26351

Subscribed and sworn before me this 22st day of December, 1995

My commission expires October 10, 2000 John W. Talbot Notary Public